



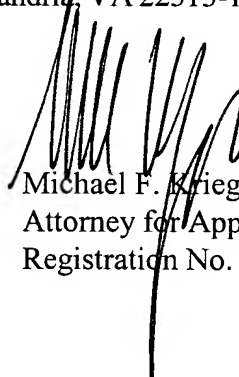
PATENT APPLICATION
Docket No: 8603.63

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of Douglas S. Horne et al.)
Serial No.: 10/621,178)
Filed: July 16, 2003)
For: METHODS FOR OBTAINING QUICK)
AND REPEATABLE ELECTRICAL)
SIGNALS IN LIVING ORGANISMS)

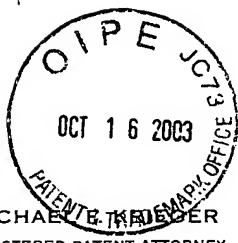
CERTIFICATE OF DEPOSIT UNDER 37 C.F.R. § 1.8

I hereby certify that this correspondence and the documents listed below are being deposited with the United States Postal Service as First Class Mail, postage prepaid, in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on Oct. 14, 2003 2003.


Michael F. Krieger
Attorney for Applicant
Registration No. 35,232

Transmitted: Transmittal for Information Disclosure Statement
Information Disclosure Statement
Form PTO-1449 Listing of All References
Legible Copies of All Listed References
Postcard

MFk:jrr



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PATENT APPLICATION
Docket No: 8603.63

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE
TRANSMITTAL FOR INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Transmitted herewith for filing and pursuant to 37 C.F.R. § 1.97 is an Information Disclosure Statement. Enclosed also are the following designated documents, as required under 37 C.F.R. §§ 1.97 and 1.98:

- ☒ Form PTO-1449 list of thirty-one (31) references submitted for consideration.
- ☒ Legible copies of the listed references or their relevant portions.
- ☐ All English translations of each nonenglish reference, if any, within the possession, custody, control or availability of anyone designated in 37 C.F.R. § 1.56(c) (see 37 C.F.R. § 1.98(c)).

The following are included within the Information Disclosure Statement if applicable and as required under 37 C.F.R. § 1.98:

- ☐ Concise explanation of relevance of each reference not in English and unaccompanied by an English translation.
- ☐ Statement that certain listed references not enclosed are substantially cumulative of an enclosed reference.

___ Statement that certain listed references not enclosed were previously cited by or submitted to the Office in the identified prior application _____, filed on _____, which is relied upon for an earlier filing date under 35 U.S.C. § 120.

In order to secure consideration of the items designated above, one or more of the following, if required, is also enclosed:

___ Promptness Certification.

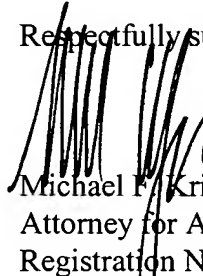
___ Check No. _____ in the amount of \$ _____ constituting submission fee -- see 37 C.F.R. § 1.17(p)

___ Petition for Consideration and Check No. _____ in the amount of \$ _____ -- see 37 C.F.R. § 1.17(i)(1).

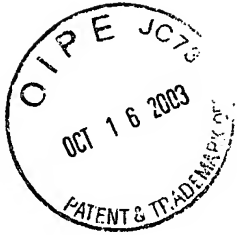
X In the event that 37 C.F.R. § 1.97(c) applies and the Examiner is not satisfied that the Promptness Certification meets the requirements of 37 C.F.R. § 1.97(e), or in any other event remediable by a fee, please credit any over payment or charge any additional fees to Deposit Account No. 500843 of the undersigned.

DATED this 14 day of October 2003.

Respectfully submitted,


Michael F. Krieger
Attorney for Applicant
Registration No. 35,232

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SIGNALS IN LIVING ORGANISMS)

INFORMATION DISCLOSURE STATEMENT
UNDER 37 C.F.R. § 1.97

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Please find, pursuant to 37 C.F.R. § 1.98(a)(1), the enclosed Form PTO-1449 which contains a list of all patents, publications, or other items that have come to the attention of one or more of the individuals designated in 37 C.F.R. § 1.56(c). While no representation is made that any of these references may be "prior art" within the meaning of that term under 35 U.S.C. §§ 102 or 103, the enclosed list of references is disclosed so as to fully comply with the duty of disclosure set forth in 37 C.F.R. § 1.56.

Moreover, while no representation is made that a specific search of office files or patent office records has been conducted or that no better art exists, the undersigned attorney of record believes that the enclosed art is the closest to the claimed invention (taken in its entirety) of which

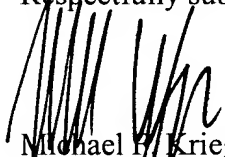
the undersigned is presently aware, and no art which is closer to the claimed invention (taken in its entirety) has been knowingly withheld.

In accordance with 37 C.F.R. §§ 1.97 and 1.98, a copy of each of the listed references or relevant portion thereof is also enclosed.

Please credit any over payment or charge any additional fees to Deposit Account No. 500843 of the undersigned.

Dated this 14 day of October, 2003.

Respectfully submitted,



Michael R. Krieger
Attorney for Applicant
Registration No. 35,232

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MFK:jjj

Applicant: Douglas S. Horne et al.
 Serial No.: 10/621,178
 Filing Date: July 16, 2003
 For:



Att'y Docket No. 8603.63

METHODS FOR OBTAINING QUICK AND REPEATABLE ELECTRICAL
 SIGNALS IN LIVING ORGANISMS

INFORMATION DISCLOSURE CITATIONS MADE BY APPLICANT

U.S. Patent Application Publication Documents

Examiner Initial*	Document Number	Publ. Date	Name	Class	Sub Class	Filing Date
_____ A1.	2001/0034491	10/25/01	Benson et al.	600	547	02/16/01
_____ A2.	2002/0151815	10/17/02	Kawanishi et al.	600	547	05/28/01

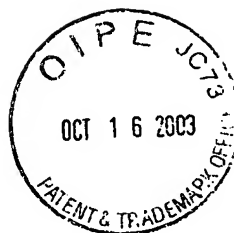
U.S. Patent Documents

Examiner Initial*	Document Number	Issue Date	Name	Class	Sub Class	Filing Date
_____ A3.	2,684,670	07/27/54	Mathison	128	2.1	08/01/51
_____ A4.	3,508,540	04/28/70	Cavallari, Jr. et al.	128	2.1	02/14/67
_____ A5.	3,784,908	01/08/74	Anderson	324	62	04/09/73
_____ A6.	3,894,532	07/15/75	Morey	128	2.1	01/17/74
_____ A7.	3,980,073	09/14/76	Shaw, IV	128	2	08/12/75
_____ A8.	4,016,870	04/12/77	Lock	128	2.1	10/14/75
_____ A9.	4,052,978	10/11/77	Eugenio	600	548	01/19/76

Examiner:

Date Considered:

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



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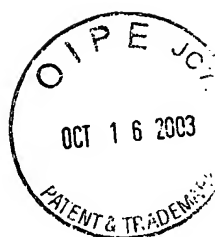
_____ A10.	4,088,125	05/09/78	Forgione et al.	128	2.1	11/19/76
_____ A11.	4,096,582	06/20/78	Bailey et al.	365	13	05/30/74
_____ A12.	4,408,617	10/11/83	Auguste	128	735	01/19/81
_____ A13.	4,832,036	05/23/89	Cartmell	128	640	05/13/85
_____ A14.	4,940,060	07/10/90	Gu et al.	128	735	09/09/87
_____ A15.	4,947,862	08/14/90	Kelly	128	734	10/28/88
_____ A16.	5,012,816	05/07/91	Lederer	128	735	08/31/89
_____ A17.	5,024,236	06/18/91	Shapiro	128	735	10/05/88
_____ A18.	5,205,330	04/27/93	Sekine	141	59	11/13/91
_____ A19.	5,339,827	08/23/94	Masopust	128	735	02/11/93
_____ A20.	5,409,011	04/25/95	Alexeev et al.	128	734	07/07/93
_____ A21.	5,938,593	08/17/99	Ouellette	600	300	11/06/97
_____ A22.	5,961,471	10/05/99	Nickson	600	546	05/19/97
_____ A23.	6,004,312	12/21/99	Finneran et al.	604	546	02/27/98
_____ A24.	6,026,322	02/15/00	Korenman et al.	600	547	02/06/97
_____ A25.	6,067,468	05/23/00	Korenman et al.	600	547	11/20/96

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Date Considered:

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 SIGNALS IN LIVING ORGANISMS

_____ A26.	6,285,905	09/04/01	Chiang et al.	607	2	06/24/99
_____ A27.	6,299,586	10/09/01	Cao	601	134	12/17/98
_____ A28.	6,306,160	10/23/01	Nidetzky	607	89	01/17/96
_____ A29.	6,347,238	02/12/02	Levengood et al.	600	372	12/03/99
_____ A30.	6,392,362	05/21/02	Ito	315	224	06/13/00
_____ A31.	6,480,735	11/12/02	Colloca et al.	600	546	05/14/01

Examiner:

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Prior Art Cited by Applicants

While the filing of prior art statements is voluntary, the procedure is governed by the guidelines of Section 609 of the Manual of Patent Examining Procedure and 37 C.F.R. §§ 1.97 and 1.98. To be considered a proper prior art statement, Form PTO-1449 shall be accompanied by an explanation of relevance of each listed item, a copy of each listed patent or publication or other item of information and a translation of the pertinent portions of foreign documents (if an existing translation is readily available to the applicant), and should be submitted in a timely manner as set out in MPEP Sec. 609.

Examiners will consider all prior art citations submitted in conformance with 37 C.F.R. § 1.98 and MPEP Sec. 609 and place their initials adjacent the citations in the spaces provided on this form. Examiners will also initial citations not in conformance with the guidelines which may have been considered. A reference may be considered by the Examiner for any reason whether or not the citation is in full conformance with the guidelines. A line will be drawn through a citation if it is not in conformance with the guidelines AND has not been considered. A copy of the submitted form, as reviewed by the Examiner, will be returned to the applicant with the next communication. The original of the form will be entered into the application file.

Each citation initialed by the Examiner will be printed on the issued patent in the same manner as prior art cited by the Examiner on Form PTO-892.

The reference designations "A1", "A2", etc. (referring to Applicant's reference 1, Applicant's reference 2, etc.) will be used by the Examiner in the same manner as Examiner's reference designations "A", "B", "C", etc. on Office Action Form PTO-1142.

Examiner:

Date Considered:

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.
